

cause, at least in part, a mapping of the one or more invocation characteristics against one or more policy templates to cause, at least in part, a generation of at least one policy for the application code.

12. An apparatus of claim **11**, wherein the processing of the application code is via one or more static program analysis techniques, one or more execution simulation techniques, or a combination thereof.

13. An apparatus of claim **11**, wherein the profiling of the one or more invocation characteristics causes the apparatus to be further configured to perform at least one of the following:
 determine one or more resources accessed by the application code;
 determine one or more data types collected by the application code;
 determine persistence information for the one or more data types collected by the application code;
 determine a transmission of the one or more data types to one or more external devices;
 determine at least one frequency of access to the one or more application programming interfaces; and
 determine whether access to the one or more application programming interfaces is performed periodically, continuously, according to a schedule, user initiated, or a combination thereof.

14. An apparatus of claim **11**, wherein the apparatus is further caused to:
 cause, at least in part, a tracking of data accessed or stored via the one or more application programming interfaces, wherein the profiling of the one or more invocation characteristics further comprises at least one of: (a) determining one or more database tables where the data is stored; (b) determining one or more users having access to the one or more database tables; and (c) parsing one or more database triggers if defined.

15. An apparatus of claim **11**, wherein the apparatus is further caused to:

determine the one or more policy templates based, at least in part, on the one or more data types collected, wherein the one or more data types include, at least in part, location data, contacts data, content data, or a combination thereof.

16. An apparatus of claim **13**, wherein the apparatus is further caused to:

determine one or more inference levels based, at least in part, on at least one function of one or more access characteristics for the one or more data types, wherein the one or more policy templates include, at least in part, pre-defined text corresponding to the one or more inference levels.

17. An apparatus of claim **16**, wherein the one or more access characteristics include, at least in part, the one or more resources accessed, the at least one frequency of the access, whether the access is user initiated, the persistence information, or a combination thereof.

18. An apparatus of claim **13**, wherein the determination of the one or more resources accessed is based, at least in part, on the determination of the one or more data types collected.

19. An apparatus of claim **11**, wherein the apparatus is further caused to:

cause, at least in part, a presentation of the at least one policy on at least one user device prior to at least one installation of the application code on the at least one device.

20. An apparatus of claim **19**, wherein the presentation is organized based, at least in part, on the one or more data types collected by the application code.

21.-48. (canceled)

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